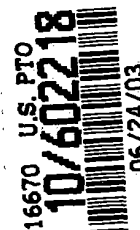


COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Transmitted herewith for filing is the patent application of

Inventor(s): **Geoff W. Taylor and Jianhong Cai**For: **HETEROJUNCTION THYRISTOR-BASED AMPLIFIER**

Enclosed are:

- | | | |
|-------------------------------------|----|--|
| <input type="checkbox"/> | 14 | Sheets of drawings |
| <input checked="" type="checkbox"/> | X | Assignment Recordation Sheet |
| <input checked="" type="checkbox"/> | X | Assignment of Invention to: University of Connecticut and OPEL, Inc. |
| <input checked="" type="checkbox"/> | X | Entitled to small entity status under 37 C.F.R. 1.9 and 1.27 |
| <input checked="" type="checkbox"/> | X | Declaration and Power of Attorney document |
| <input type="checkbox"/> | | Preliminary Amendment and Remarks |
| <input type="checkbox"/> | | Other: |

The filing fee has been calculated as shown below:

			SMALL ENTITY		OR	LARGE ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 375			\$ 750
TOTAL CLAIMS	23-20	3	X 9	27		X 18	
INDEP CLAIMS	1- 3	0	X 42			X 84	
MULT. DEPENDENT CLAIMS PRESENTED			+140			+280	
			TOTAL \$ 402			TOTAL \$	


☒ A check in the amount of **\$442.00** to cover the filing/assignment recordation fee is enclosed.

Please charge my Deposit Account No. _____ in the amount of \$ _____.

A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. **07-1732**. A duplicate copy of this sheet is enclosed.

Other:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Geoff W. Taylor et al.

SERIAL NO.:

GROUP ART UNIT:

FILED: June 24, 2003

EXAMINER:

FOR: Heterojunction Thyristor-
Based Amplifier

ATT'Y DOCKET NO.: OPE-029

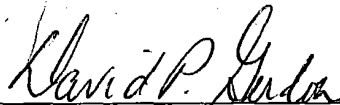
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Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Number EV 315 685 322
Date of Deposit: June 24, 2003

I hereby certify that the attached patent application, identified above, filing fee and supporting documents, as noted on the Transmittal Sheet, are being deposited, on the date indicated above, with the United States Postal Service as "Express Mail" in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.



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